

REMARKS

Claims 1-6, 8-22, and 24-26 remain in the present application. Please cancel Claims 7 and 23 without prejudice. Claims 1, 11, 17, and 24 are amended herein. No new matter has been added as a result of the Claim amendments.

Claim Rejections - 35 U.S.C. §102

Claims 1, 4-5, 8-9, 11, 13-14, 16-17, 20-21, and 24-26 are rejected in the present Office Action under 35 U.S.C. §102(e) as being anticipated by United States Patent Application Publication No. US 2002/0156929 by Hekmatpour (hereinafter referred to as "Hekmatpour"). This rejection is respectfully traversed for the following reasons.

Independent Claims 1, 11, 17, and 24 have been amended to include a limitation similar to that added to Claim 1, which reads: "wherein said project datasheet file includes integrated circuit pinout assignment data." Applicants respectfully assert that Hekmatpour fails to suggest, describe, or teach a project datasheet including integrated circuit pinout assignment data. Therefore, Claims 1, 11, 17, and 24 are not anticipated by Hekmatpour, thereby overcoming the 35 U.S.C. §102(e) rejections of record and leaving these claims in a state of allowance.

Claims 4-5 and 8-9 depend from independent Claim 1, Claims 13-14 and 16 depend from independent Claim 11, Claims 20-21 depend from independent Claim 17, and Claims 25-26 depend from independent Claim 24. Therefore, Claims 4-5, 8-9, 13-14, 16, 20-21, and 25-26 overcome the 35 U.S.C. §102(e) rejections of record, thereby leaving these claims in a state of allowance.

Claim Rejections - 35 U.S.C. §103

Claims 2-3, 6, 12, 15, 18-19, and 22 are rejected in the present Office Action under 35 U.S.C. §103(a) as being unpatentable over Hekmatpour in view of United States Patent No. 6,748,569 B1 to Brooke et al. (hereinafter referred to as "Brooke"). This rejection is respectfully traversed for the following reasons.

As discussed above, independent Claims 1, 11, and 17 are amended herein to include a limitation similar to that added to Claim 1, which reads: "wherein said project datasheet file includes integrated circuit pinout assignment data." In contrast, Applicants understand Brooke to teach a method and computer program for generating XML documents using a script language that extends the capabilities of XML (Abstract; col. 3, lines 16-18). Figures 3-5 show examples of different source files using this script language

(col. 3, lines 47-52). However, Applicants respectfully assert that generation

of software files using a specific script language is very different from showing a datasheet that includes integrated circuit pinout assignment data. As such, Brooke fails to suggest, describe, or teach a project datasheet including integrated circuit pinout assignment data, either alone or in combination with Hekmatpour. Thus, Brooke does not cure the deficiencies of Hekmatpour. Since Claims 2-3 and 6 depend from independent Claim 1, Claims 12 and 15 depend from independent Claim 11, and Claims 18-19 and 22 depend from independent Claim 17, Claims 2-3, 6, 12, 15, 18-19, and 22 therefore overcome the 35 U.S.C. §103(a) rejections of record, thereby leaving these claims in a state of allowance.

Dependent Claims 7, 10, and 23 are rejected in the present Office Action under 35 U.S.C. §103(a) as being unpatentable over Hekmatpour in view of United States Patent No. 6,704,893 B1 to Bauwens et al. (hereinafter referred to as "Bauwens"). Claims 7 and 23 have been cancelled in accordance with this response. However, Claim 10 remains in the present application. This rejection of Claim 10 is respectfully traversed for the following reasons.

As discussed above, independent Claims 1, 11, and 17 are amended herein to include a limitation similar to that added to Claim 1, which reads: "wherein said project datasheet file includes integrated circuit pinout

assignment data." In contrast, Applicants understand the citation from

Bauwens in the present Office Action to simply teach that integrated circuits have multiple pins or terminals (col. 4, lines 11-22). For example, Bauwens states that “integrated circuit 10 has input pins $I_1 \dots I_p$ and output pins $O_1 \dots O_p$ ” (col. 4, lines 11-12). However, Applicants respectfully submit that the mere knowledge that an integrated circuit has multiple pins, even if each pin is labeled with a generic label like I_1 as used in Bauwens, is very different from knowing what each pin does in operation, as is typically conveyed by a product datasheet. Further, merely knowing that an integrated circuit has multiple pins in no way suggests, describes, or teaches publication of pinout information in the form of a product datasheet. Thus, Bauwens fails to suggest, describe, or teach a datasheet describing a specific number of pins of an integrated circuit, and further, what each of these pins does in operation. As such, Bauwens does not cure the deficiencies of Hekmatpour discussed above.

Moreover, the combination of Hekmatpour in view of Bauwens fails to suggest, describe, or teach a datasheet including integrated circuit pinout assignment data. Applicants understand Hekmatpour to teach the general concept of conveying “output” data to design team members (paragraph 13). And as discussed above, Applicants understand Bauwens to teach that integrated circuits have multiple pins or terminals. Therefore, assuming

together, Applicants respectfully assert that conveying to fellow design team members that integrated circuits have multiple pins in no way suggests, describes, or teaches producing a datasheet that specifically includes integrated circuit pinout assignment data.

Accordingly, Applicants respectfully assert that Claim 10 overcomes the 35 U.S.C. §103(a) rejection of record. Therefore, Claim 10 is now in condition for allowance.

CONCLUSION

Applicants respectfully assert that all remaining claims (Claims 1-6, 8-22, and 24-26) are now in condition for allowance. Applicants earnestly solicit such action from the Examiner.

The Examiner is urged to contact Applicants' undersigned representative if the Examiner believes such action would expedite resolution of the present Application.

Please charge any additional fees or apply any credits to our PTO deposit account number: 23-0085.

Respectfully submitted,

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